

Self Dispensing Sample Container

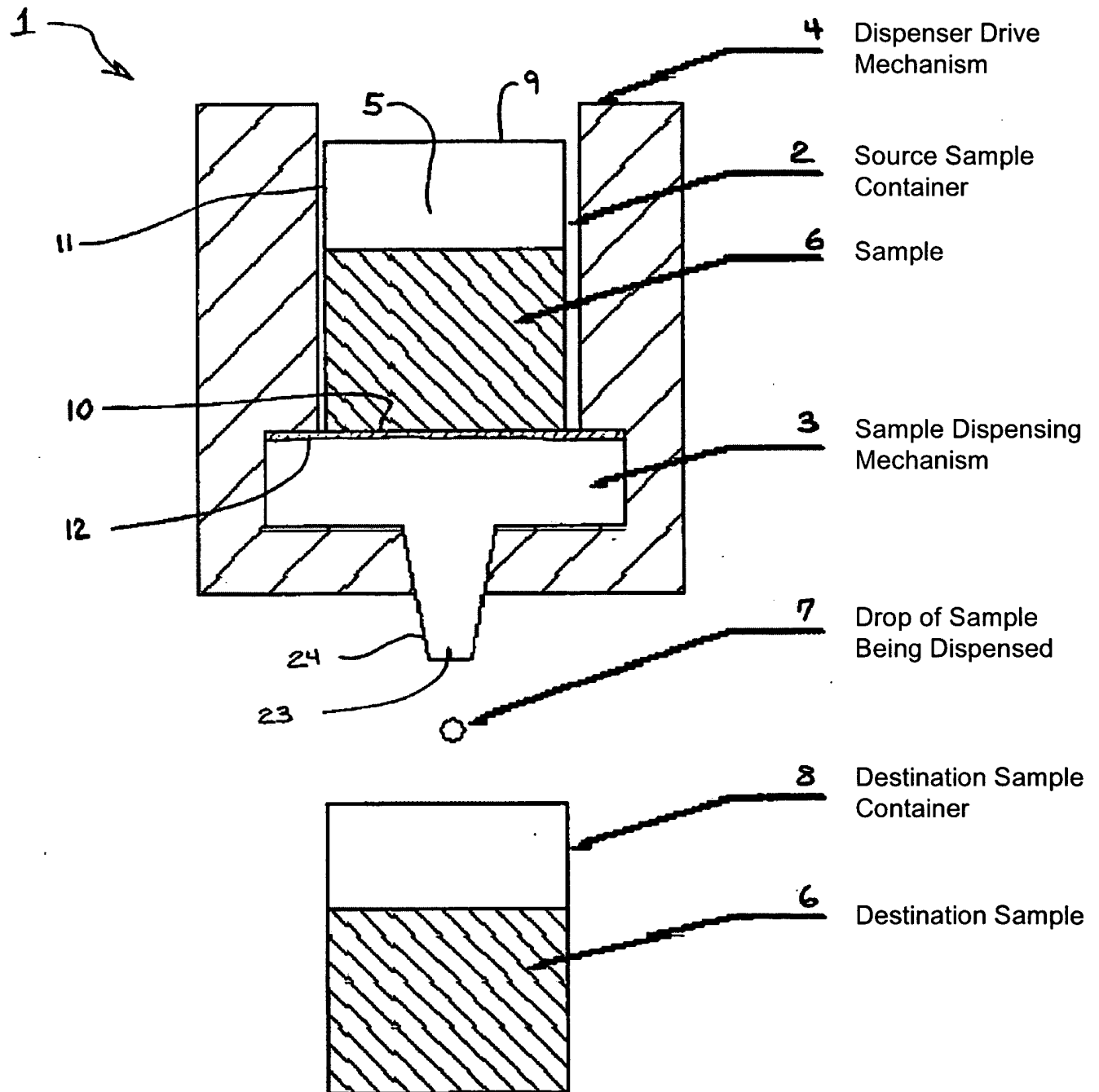


Fig. 1

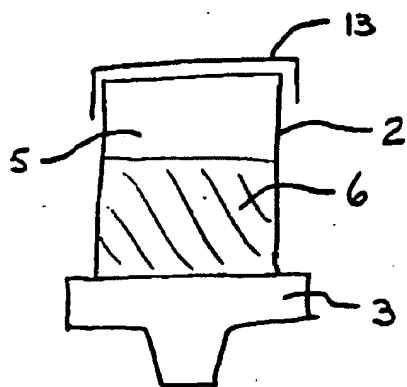


Fig. 2A

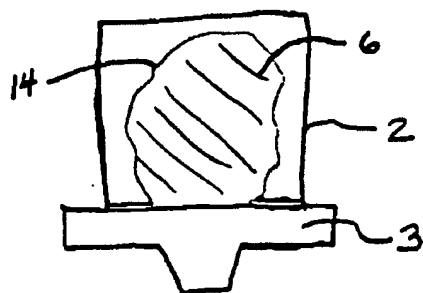


Fig. 2B

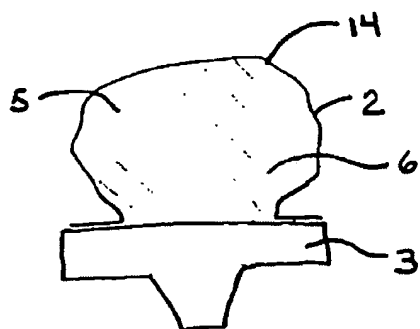


Fig. 2C

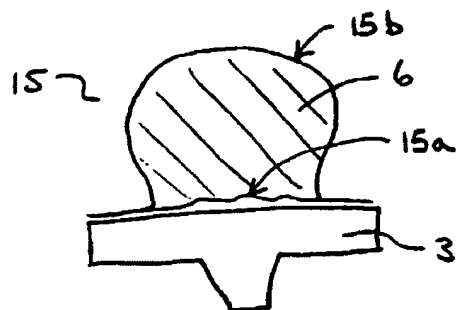


Fig. 2D

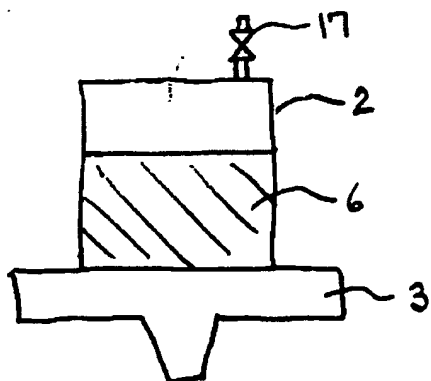


Fig. 2F

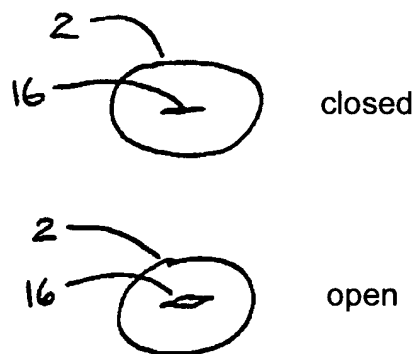


Fig. 2E

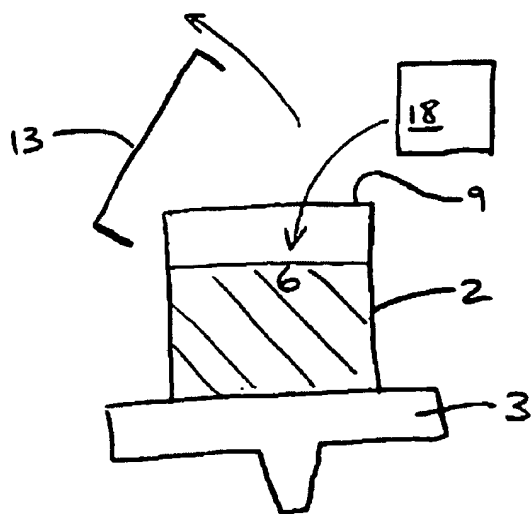


Fig. 3A

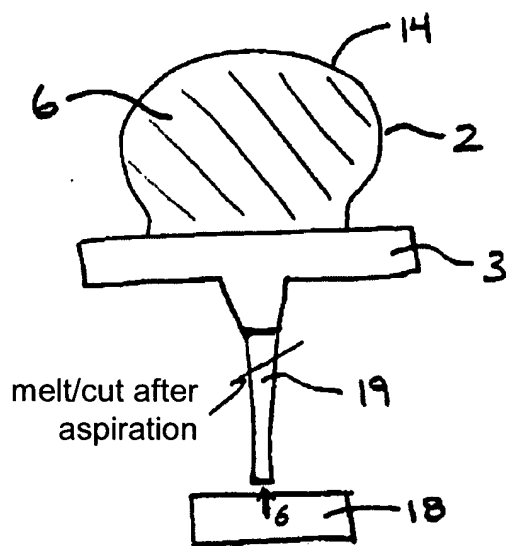


Fig. 3B

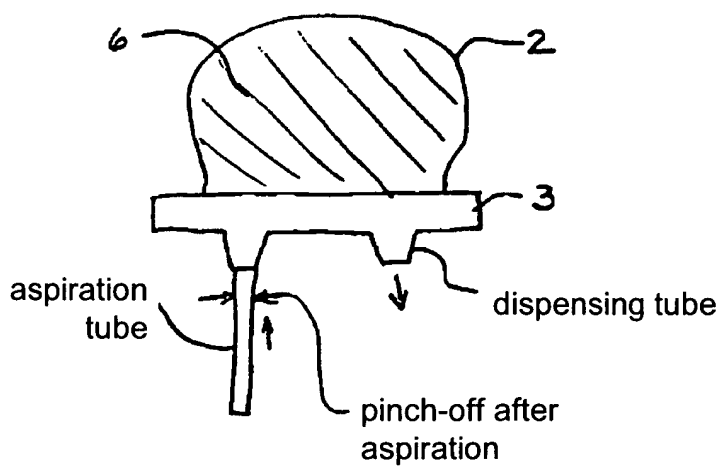


Fig. 3C

Figure of "Time and Pressure" Embodiment

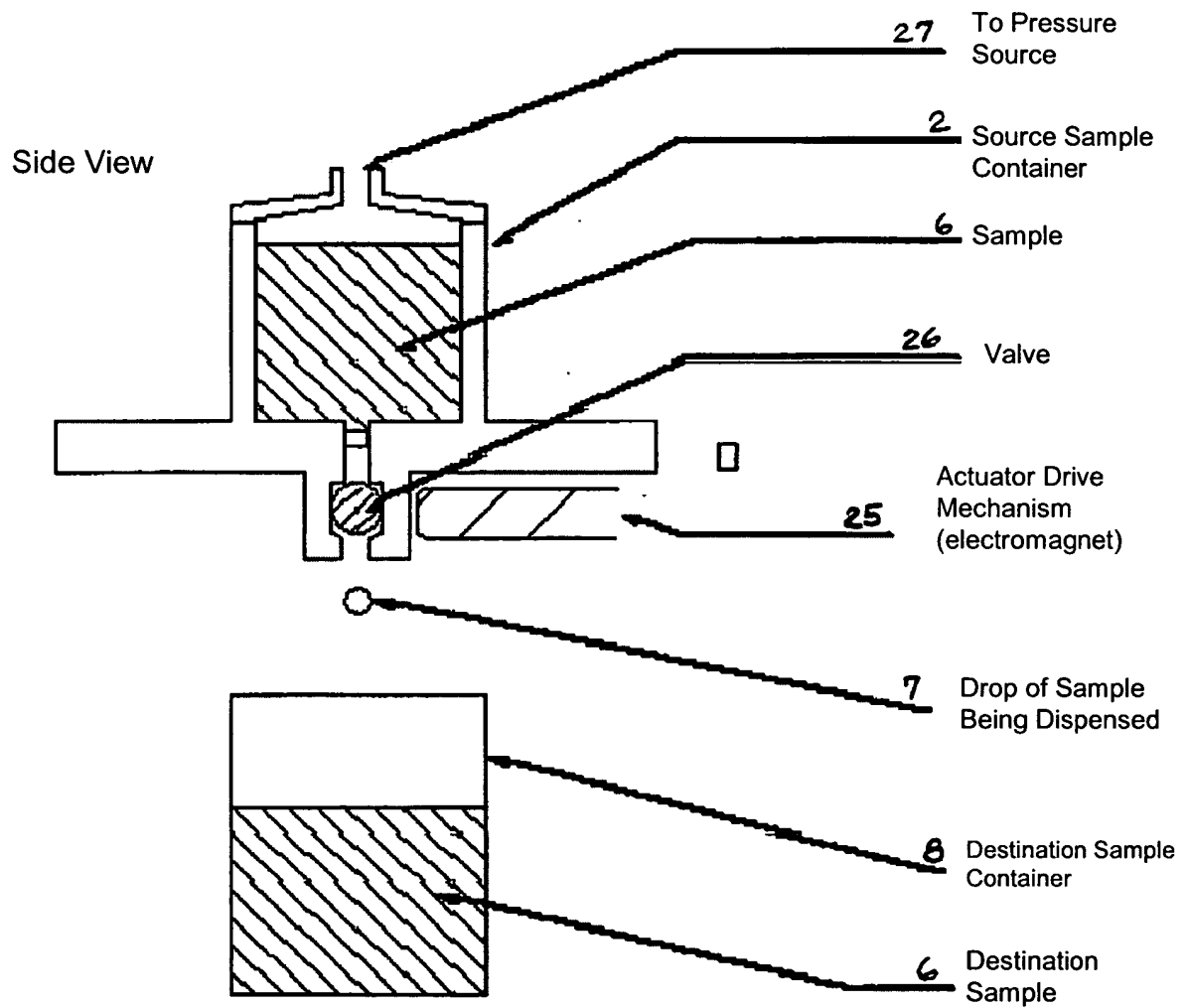


Fig. 4

"Cow Udder" Embodiment

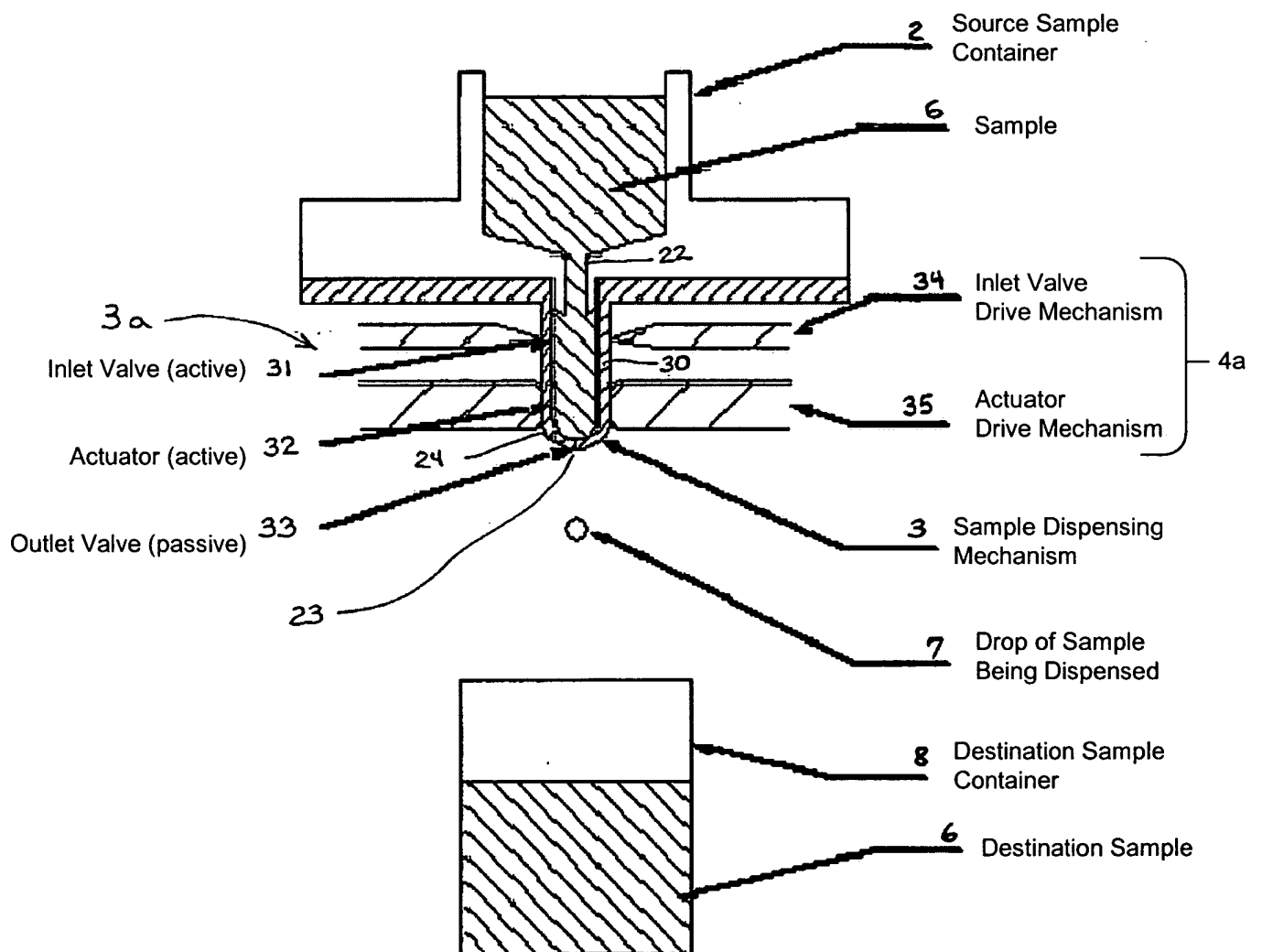


Fig. 5A

"Cow Udder" Embodiement Passive Inlet Valve

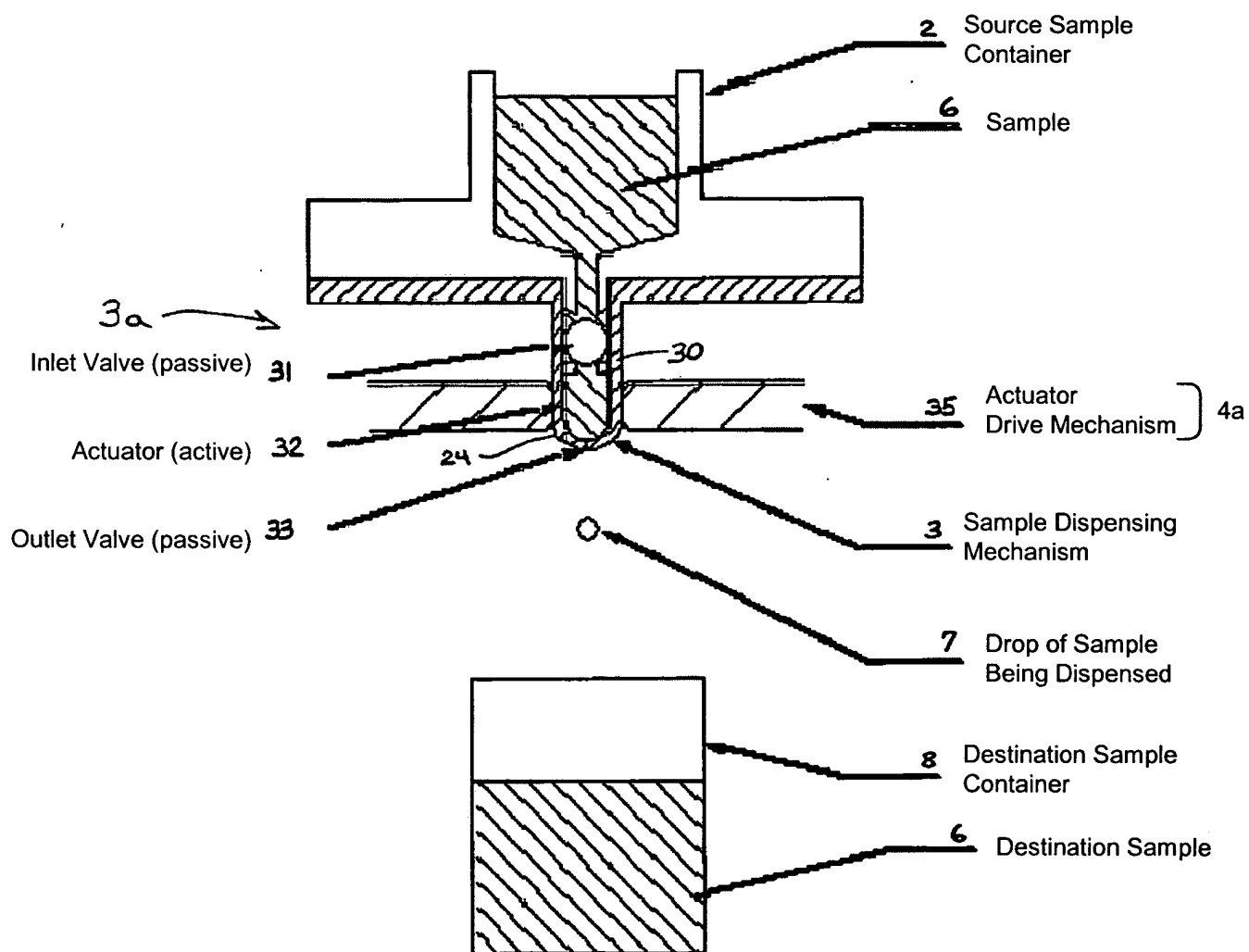


Fig. 5B

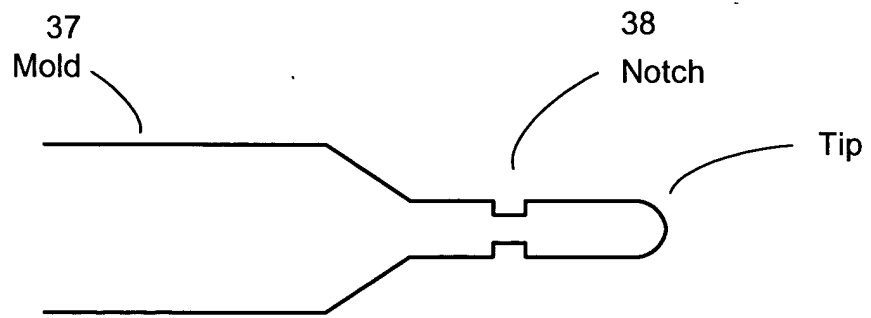


Fig. 6

Fig. 7A

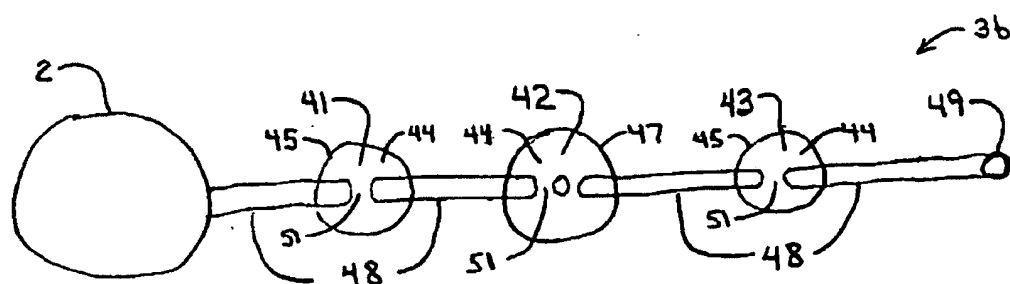
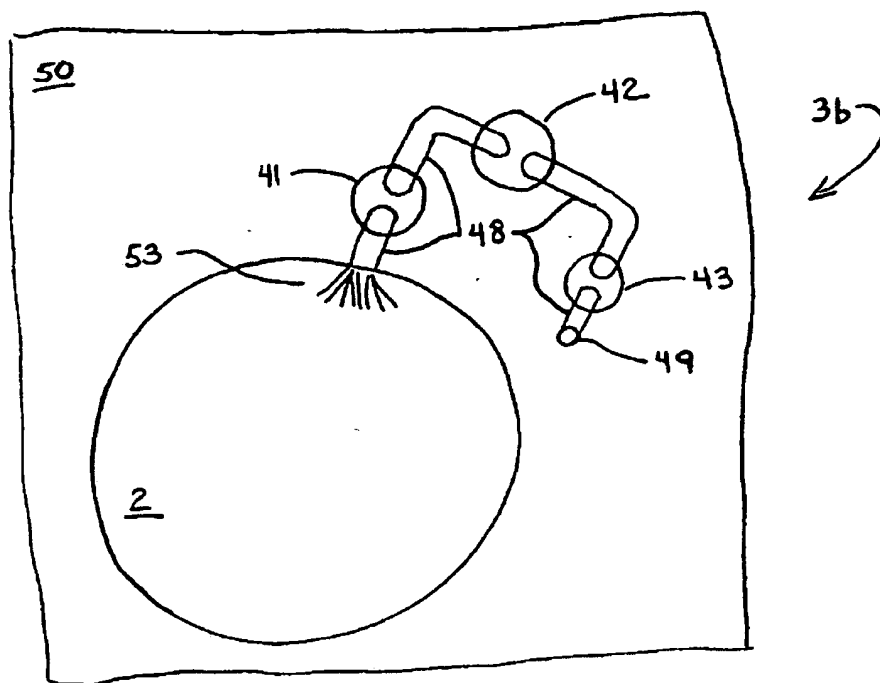


Fig. 7B

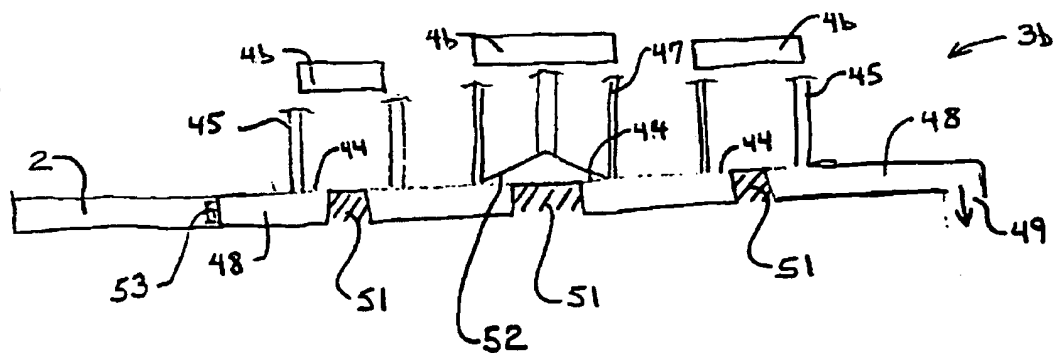


Fig. 7C

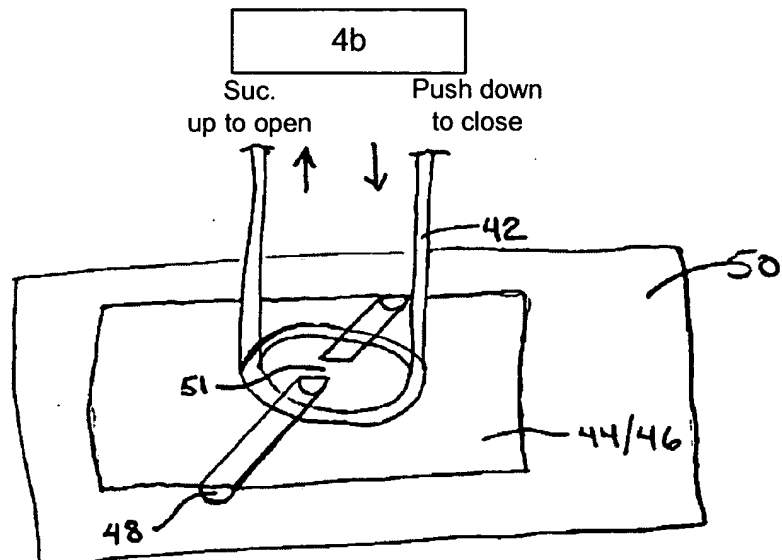


Fig. 7D

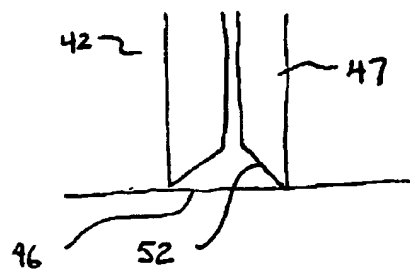


Fig. 7E

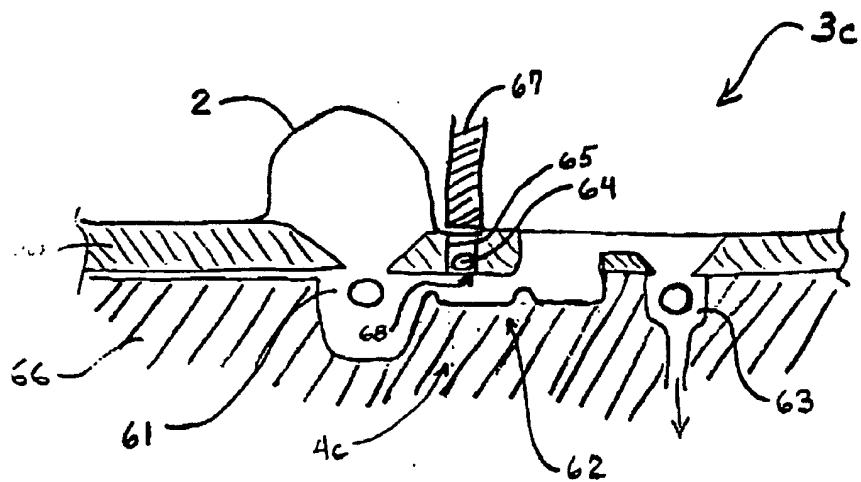


Fig. 8

"Two-Dimensional Pump" Embodiment

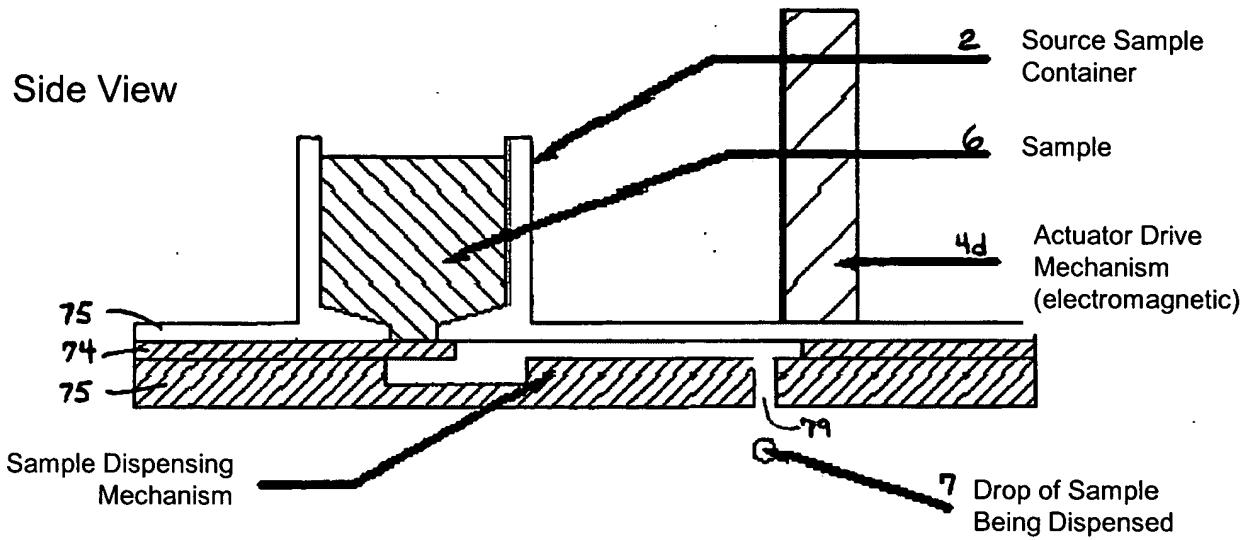


Fig. 9A

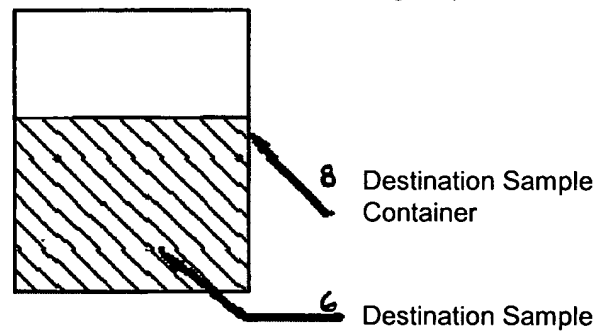
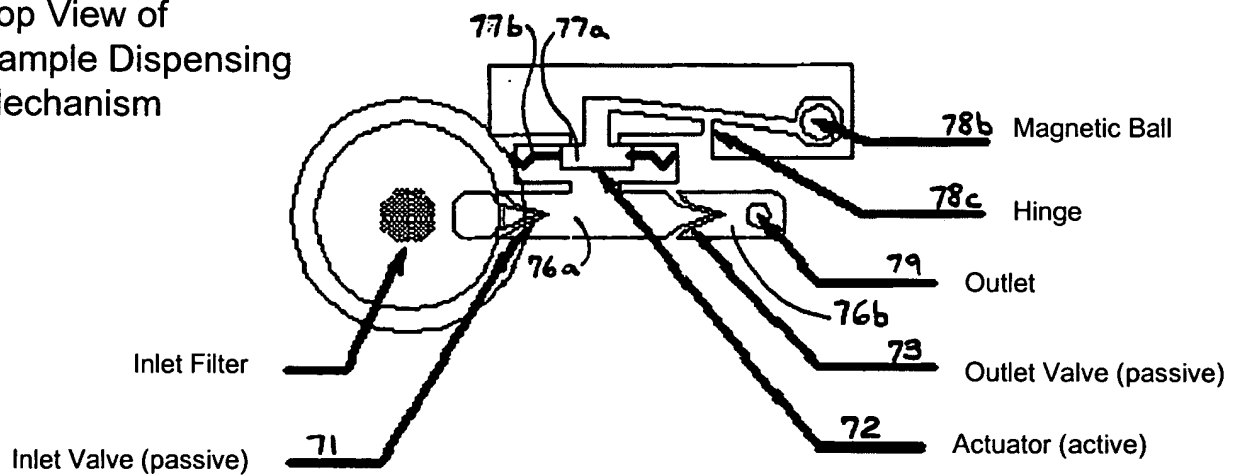


Fig. 9B

Top View of
Sample Dispensing
Mechanism



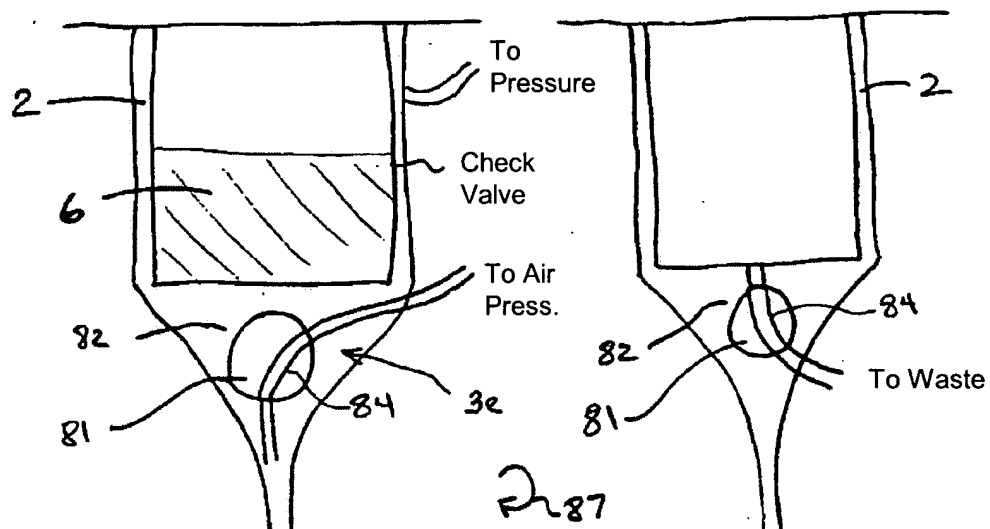


Fig. 10A

Fig. 10B

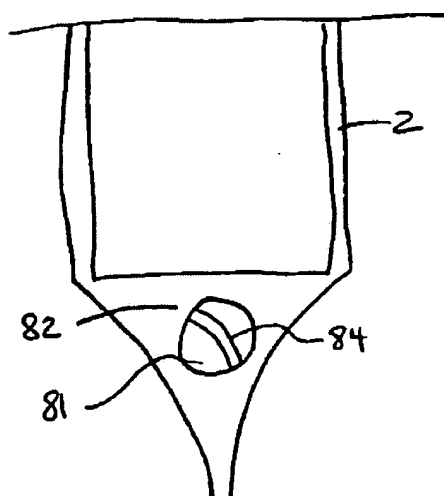


Fig. 10C

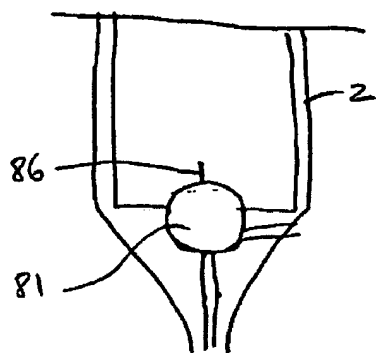


Fig. 10D

87

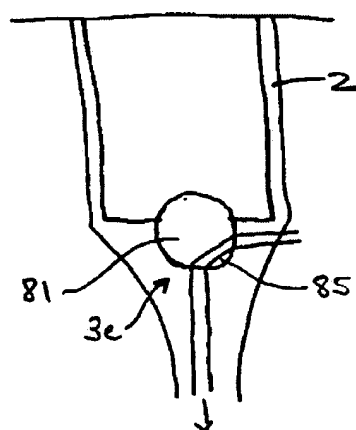


Fig. 10E

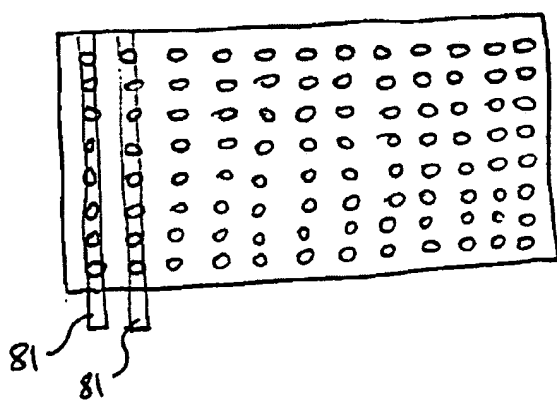
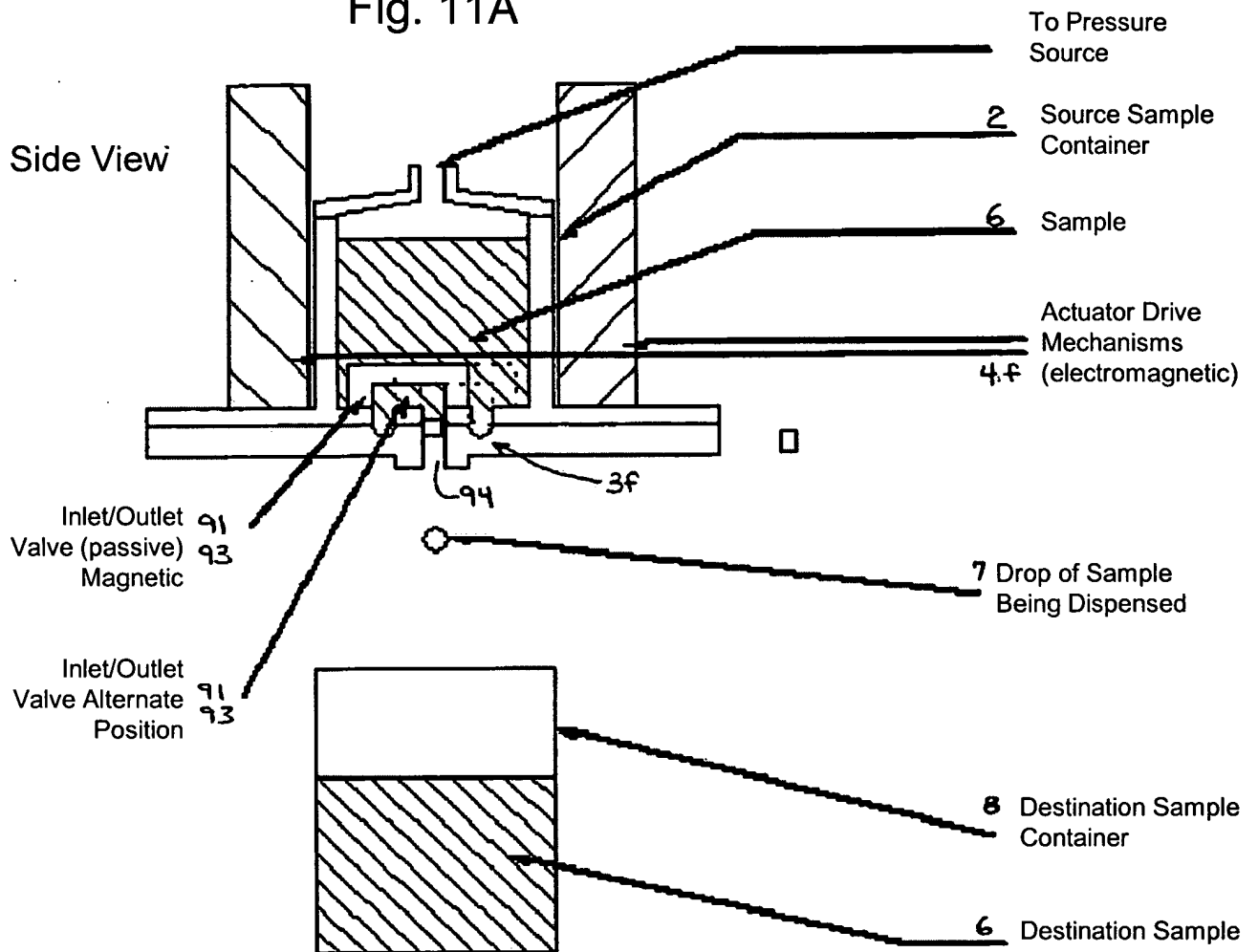


Fig. 10F

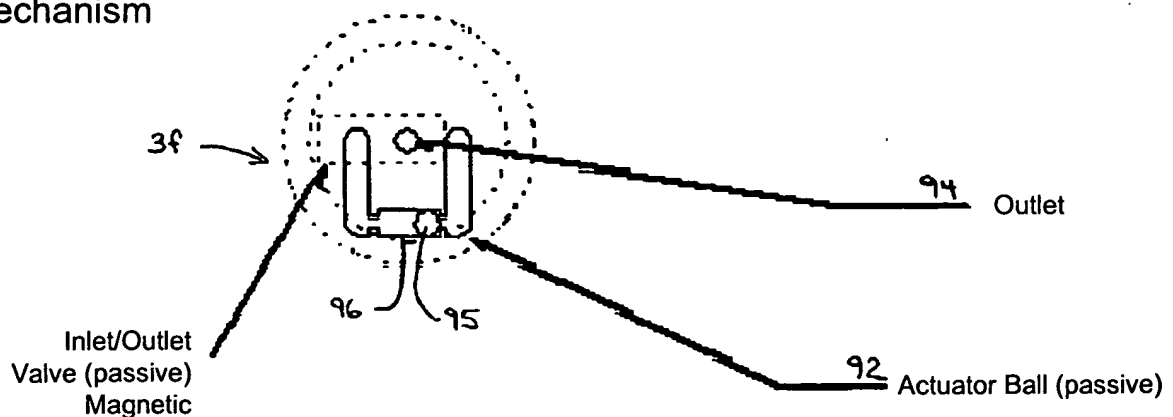
"Steam Engine" Embodiment

Fig. 11A



Top View of Sample Dispensing Mechanism

Fig. 11B



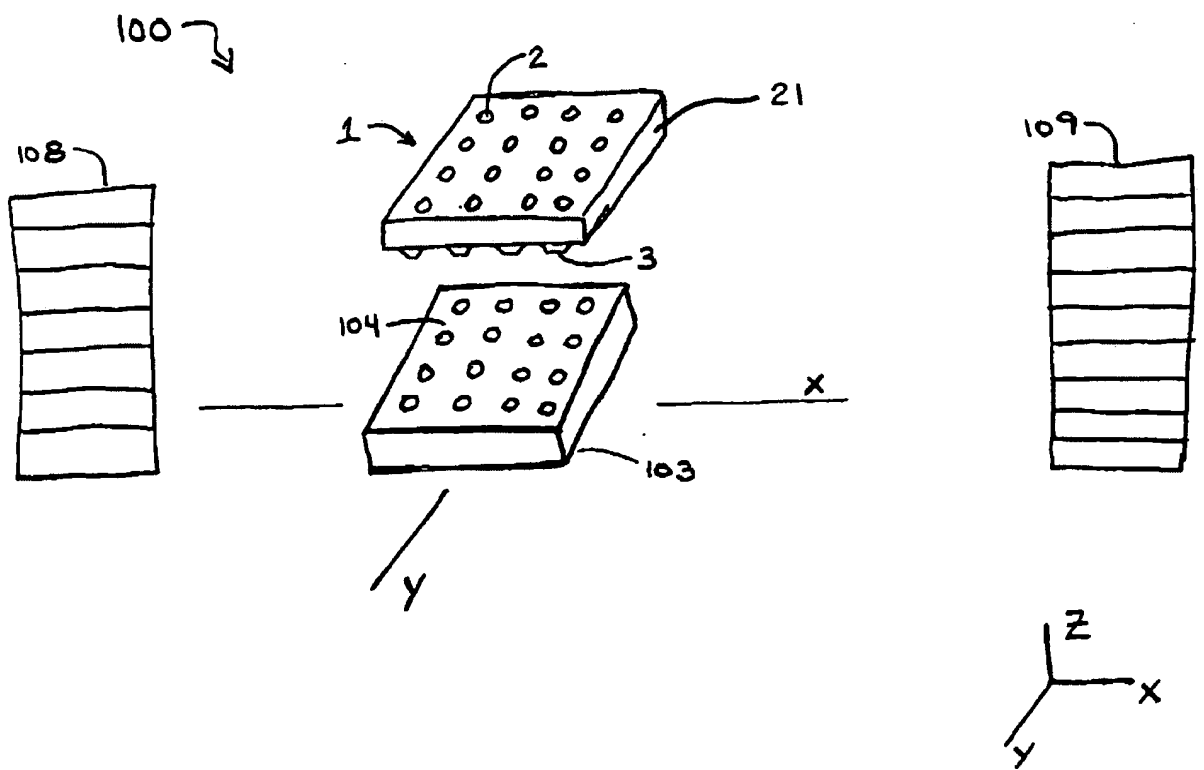


Fig. 12

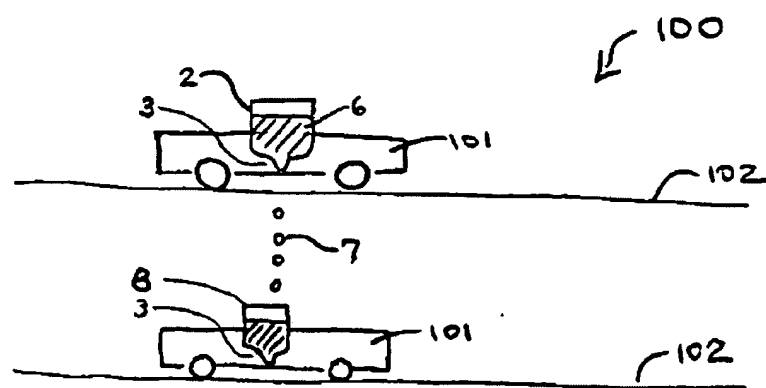


Fig. 13

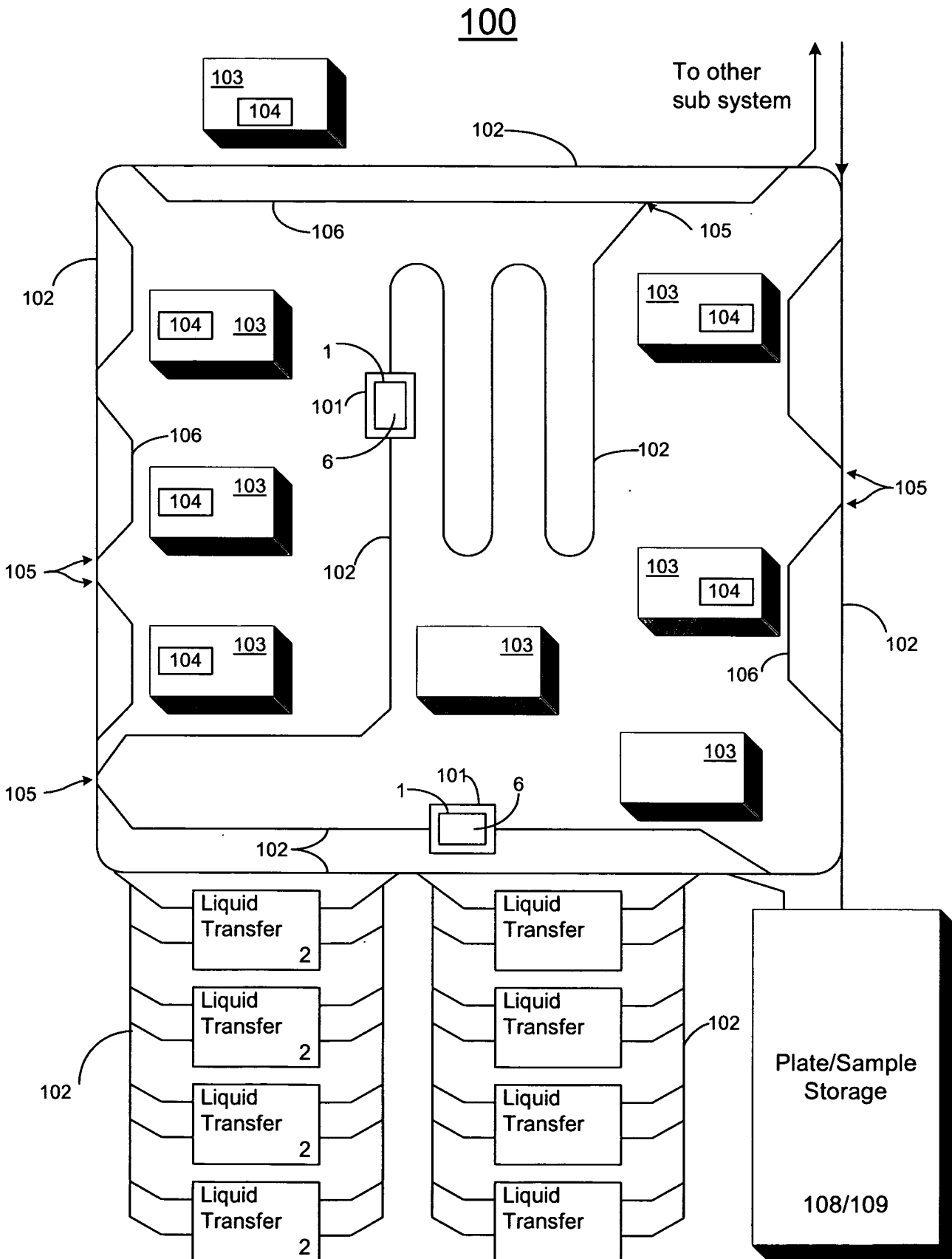


Fig. 14

110

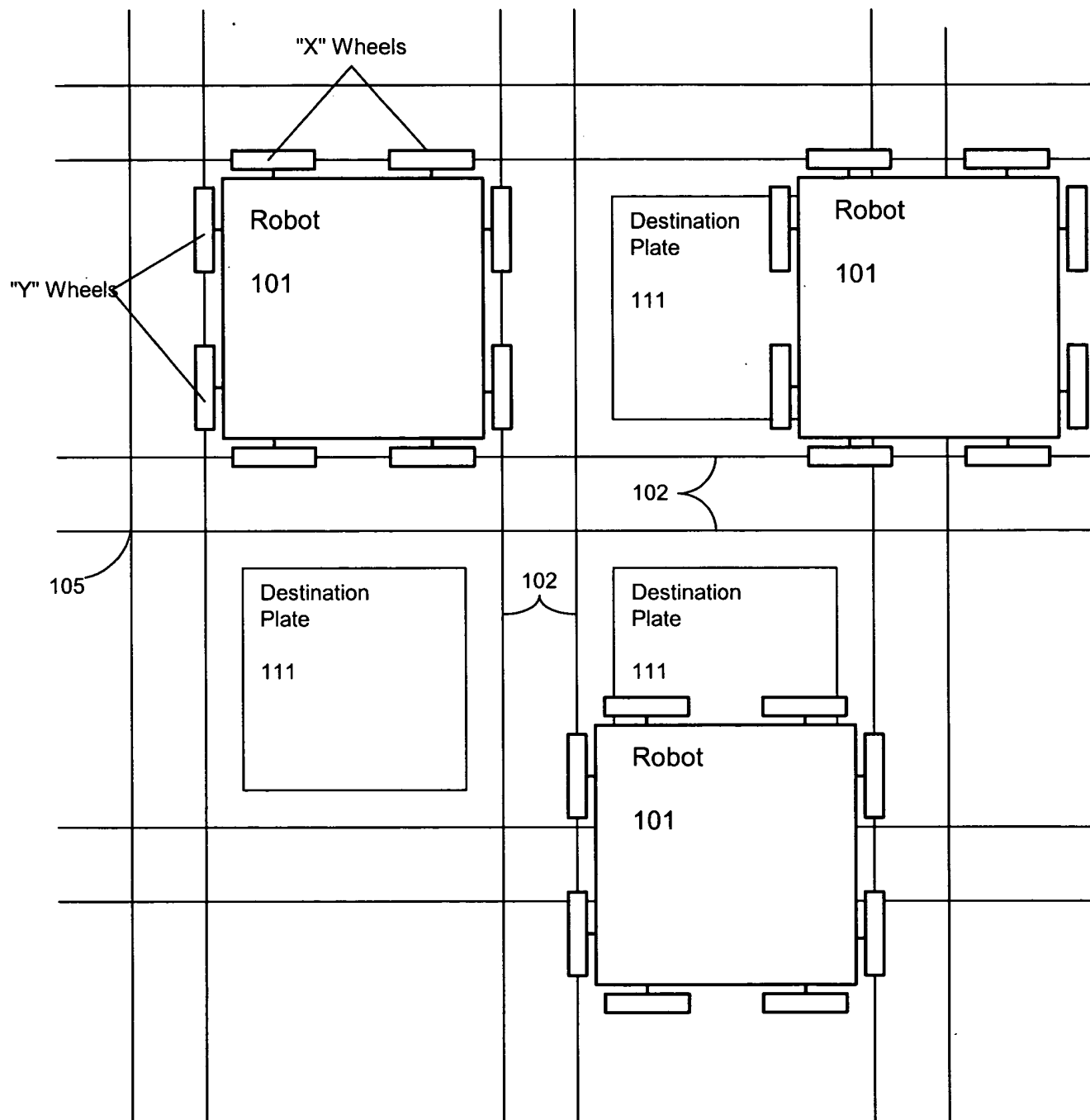


Fig. 15

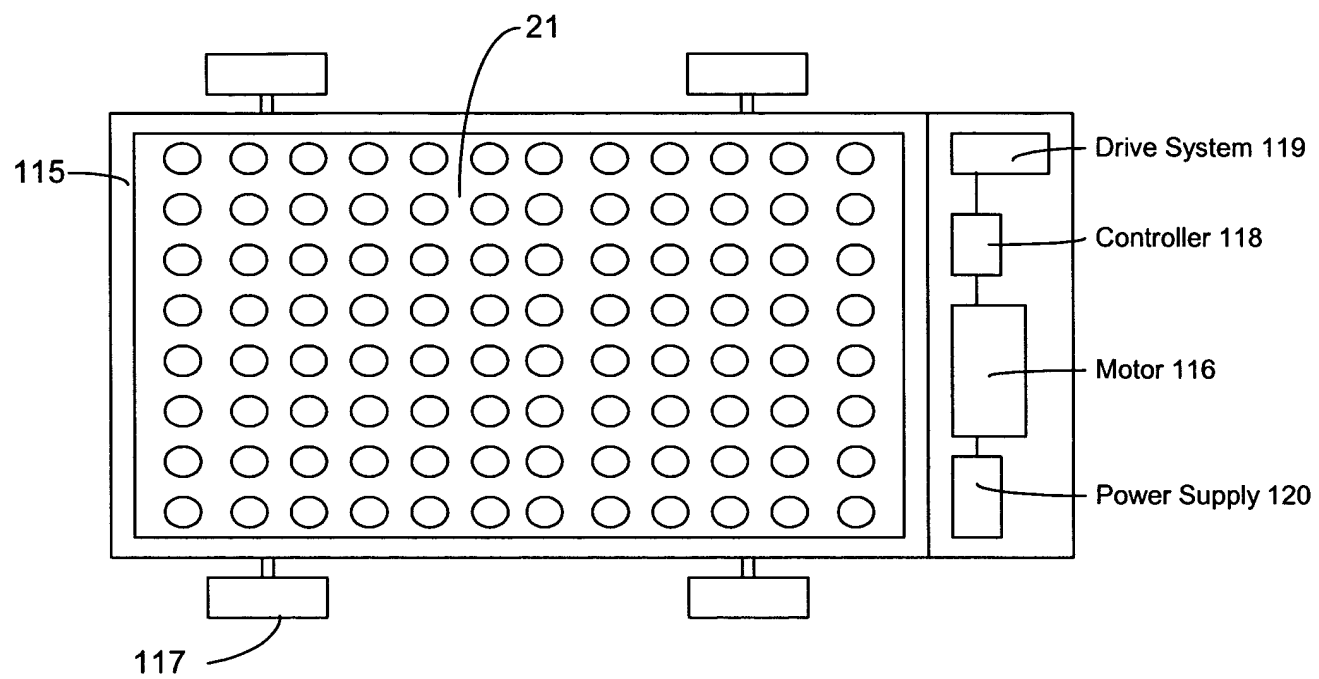


Fig. 16

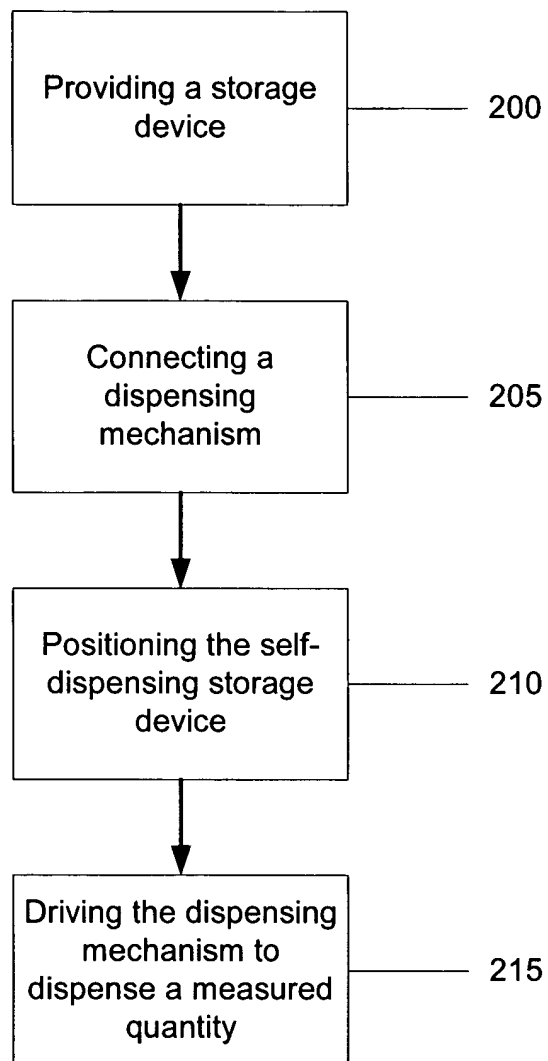


Fig. 17